What is claimed is,

- 1. A piezoelectric actuator comprising: a first piezoelectric element unit, a second piezoelectric element unit and coupling portions, wherein said first piezoelectric element unit and said second piezoelectric element unit are coupled by said coupling portion.
- 2. The piezoelectric actuator according to claim 1, wherein said first piezoelectric element unit is arranged parallel to said second piezoelectric element unit.

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- 3. The piezoelectric actuator according to claim 1, wherein said coupling portion is composed of a flexible resin.
- 4. The piezoelectric actuator according to claim 1, wherein said
 coupling portion is made from a material identical to used for protective
 layer to cover said first piezoelectric element unit and said second
 piezoelectric element unit.
- 5. The piezoelectric actuator according to claim 4, wherein said 20 protective layer is composed of a resin.
 - 6. The piezoelectric actuator according to claim 1, wherein a material of said coupling portion is partially removed so as to form a slit.
 - 7. The piezoelectric actuator according to claim 6, wherein said coupling portion couples said first piezoelectric element unit and said second piezoelectric element unit at least in places near the ends of respective units

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and opposing sides of respective units.

- 8. The piezoelectric actuator according to claim 1, wherein said first piezoelectric element unit and said second piezoelectric element unit are formed from thin films respectively.
- 9. The piezoelectric actuator according to claim 8, wherein said first piezoelectric element unit and said second piezoelectric element unit form a multilayered structure using two thin film piezoelectric element bodies, each consists of thin film piezoelectric element covered by metal coating layer on top and bottom surfaces, with an adhesive layer disposed between the bodies.
- 10. The piezoelectric actuator according to claim 9, wherein said adhesive layer comprises a resin adhesive.
 - 11. The piezoelectric actuator according to claim 9, wherein said adhesive layer is a weld coupling formed from both metal coating layers welded together.

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- 12. A disk drive comprising:
- (a) a disk;
- (b) a voice coil motor to rotate said disk;
- (c) a slider including a magnetic head to record data to and/or reproduce data from said disk;
 - (d) a load beam to suspend said slider in one end;
 - (e) a carriage;

(f) a head actuator provided between said carriage and one disk side end of said load beam;

and

(g) a coupling portion,

wherein said head actuator has a first piezoelectric element unit, second piezoelectric element unit and a coupling portion, and said first piezoelectric element unit is arranged approximately parallel to said second piezoelectric element unit, and said coupling portion couples said first piezoelectric element unit and said second piezoelectric element unit.

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- 13. The disk drive according to claim 12, wherein said coupling portion is provided with a slit, and said first piezoelectric element unit and said second piezoelectric element unit are coupled by said coupling portion at least in one end of said first piezoelectric element unit and said second piezoelectric element unit, and opposing surfaces of said first piezoelectric element unit and said second piezoelectric element unit.
- 14. A manufacturing method of a piezoelectric actuator comprising the steps of:
- (a) forming a first electrode metal layer, a first thin film piezoelectric element and a second electrode metal layer sequentially on a first substrate;
- (b) forming a third electrode metal layer, a second thin film piezoelectric element and a fourth electrode metal layer sequentially on a second substrate;
- (c) bonding said second electrode metal layer to said third metal electrode layer;
 - (d) removing said first substrate;

- (e) shaping a layered structure resulting from steps (a)-(d) including said first thin film piezoelectric element and said second thin film piezoelectric element into a prescribed shape by dry-etching;
 - (f) covering said shaped layered structure with a coating resin;
- 5 (g) patterning a prescribed shape of a slit on said coating resin; and;
 - (h) removing said second substrate.
- 15. The manufacturing method of a piezoelectric actuator according to
 claim 14, wherein said first substrate and said second substrate are
 composed of single crystal material.
- 16. The manufacturing method of a piezoelectric actuator according to claim 14, wherein patterning, in addition to a prescribed form of slit on said coating resin, said coupling portion provided with said first piezoelectric element unit and said second piezoelectric element unit coupled at least in near one end and opposing side surfaces across said slit.